



**THEY DESERVE THEIR NAMES UP IN LIGHTS.**  
**(ENERGY-EFFICIENT COMPACT FLUORESCENT LIGHTS.)**



Over the past year, the following organizations have educated their employees and the public about the cost-saving and environmental benefits of using energy wisely. They have helped California become a national leader in the sale of energy-efficient appliances, lighting and equipment. They have designed energy-efficient homes, products and services. They have taken the message to the classroom and to the boardroom, and have shared lessons learned with colleagues. And, they have walked the talk by investing in energy efficiency in their own facilities. Thanks to their leadership, all of California is reminded how saving energy can be a way of life.

**The Audubon Center's new environmental education facility is almost 30% more efficient** than California's tough energy standards require. The 5,500-sq.-ft. facility at Debs Park earned the highest Leadership in Energy and Environmental Design (LEED) rating (Platinum). Efficiency stems from the center's use of natural light, T8 fluorescent lights, ENERGY STAR®-labeled appliances and occupancy sensors. A high-efficiency heating, ventilating and air conditioning (HVAC) system is 100% solar powered and runs completely off the energy grid.

**California Department of Transportation's (Caltrans) new headquarters surpass California's energy efficiency standards by 26%** and meet the LEED Silver qualifications. The 760,000-sq.-ft. facility in Los Angeles will save 6.9 million kWh and \$600,000 annually (compared to similar buildings) thanks to energy-efficient lights, chillers and HVAC equipment. When energy supplies are tight, Caltrans shuts down its chiller and unplugs kitchen equipment during peak hours.

**Raytheon in El Segundo saved 4.4 million kWh and \$1 million in 2005 with a major energy upgrade project.** Raytheon installed roughly 50,000 T8 fluorescent lights, T5 lights and energy-efficient vending machine lights. Energy-efficient chillers, motors and pumps reduced the company's electric bill 24%. Raytheon is an aerospace and defense contractor with 80,000 employees worldwide.

**Braille Institute has saved \$134,000 annually** through a variety of energy efficiency improvements at its large Los Angeles complex. The school installed timers on lights, carbon monoxide sensors that trigger ventilation fans only when needed and variable speed drives. These measures yield an annual energy savings of 2.1 million kWh. The Institute aims to reduce total demand at peak by 12,000 kW.

**next>edge helps its commercial facility clients save an average of 42 million kWh annually.** The company's turnkey approach to energy efficiency is three-pronged: (1) integrate mechanical, electrical and technological systems, (2) optimize and synchronize old and new equipment, and (3) provide training on efficient technologies and practices. Clients of next>edge typically save 20-50% in energy costs. The company has helped building owners earn over 300 ENERGY STAR® labels — more than any other efficiency vendor.

**Hacienda La Puente Unified School District saves more than \$1.2 million annually** by using energy management systems, compact fluorescent lights and other efficient equipment. The district has assigned a full-time energy manager and, during summer recess, implemented programs to consolidate classrooms, cycle air conditioners, turn off unnecessary lights and shut down kitchen refrigerators. Together, the changes reduced annual electricity use 26% — more than 7.5 million kWh.

**Los Angeles Times shaved peak demand by almost 500 kW and total usage by more than 1.1 million kWh.** At its main offices on First Street in downtown Los Angeles, the Times replaced two chillers and more than 8,000 lights — with new T8 fluorescent lights, light-emitting diode (LED) exit signs and occupancy sensors. The Times' new energy-efficient lighting alone will save roughly 777,500 kWh annually.

**Los Angeles Community College District (LACCD) in 2001 kicked off one of the largest public-sector green-building projects in the nation.** LACCD expects that, at the close of the project, 40 new or renovated buildings will meet LEED standards. LACCD is committed to energy education and will integrate learning stations into its new buildings. The district also co-sponsors an annual sustainability conference with the U.S. Green Building Council.

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